















## Unmatched Details With 12K Mono LCD

With a 10-inch 12K mono LCD, the Saturn 4 Ultra boasts an incredible resolution of 11520x5120 and an XY resolution of 19x24 $\mu$ m, presenting you exquisite models with stunning clarity and precision.



## Self-Check & Automatic Leveling, Print Right Out Of The Box

The Saturn 4 Ultra brings hassle-free experience with its smart self-check and automatic leveling function. Simply unbox, power on, and print—making it ultimate printing experience.





## COB & Fresnel Collimating Lens For Smoother Surface

When the COB light source emits light at 405nm with the combination of Fresnel collimating lens, it can achieve an ultra-low astigmatism coefficient of 0.5%, an exceptional field uniformity of 92%, and a precise angle deviation control below 5° on the forming surface, realizing accurate and even printing results with delicate finishing and intricate details.



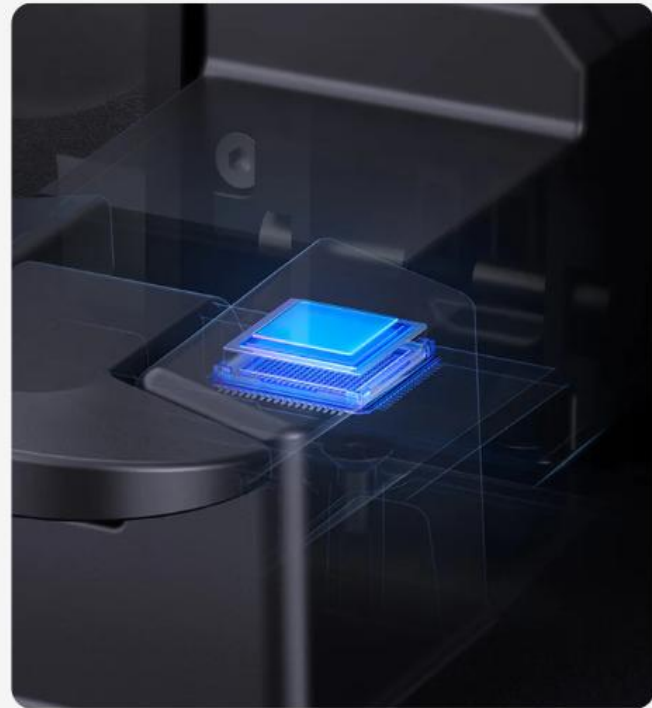
## Tilt Release Technology, Ultra Fast Printing

The Elegoo Saturn 4 Ultra adopts tilt release technology, which enables the model to be peeled off from the release film quickly by tilting the resin tank, achieving a fast printing speed up to 150mm/h.



## Smart Mechanical Sensor, Enjoy Worry-Free Printing

Equipped with a mechanical sensor, the Saturn 4 Ultra supports residue detection to prevent damage to the LCD screen, as well as resin shortage and leveling failure alarm to further enhance the safety and reliability during printing.



## AI Camera Intelligent Detection, Minimize Potential Loss

Experience failure detection and real-time monitoring of the printing status with the AI camera. Stay informed about the progress of your prints and capture captivating time-lapse videos of your creations coming to life.

## User-Friendly Design

ELEGOO is committed to providing users a convenient printing experience. From the quick-release design of the build plate to the dual pour spouts design of the resin tank, along with the drip tray design to prevent resin drips, the replaceable tank lock, and the flip-up cover design for effortless access, every detail has been carefully considered to make your operation easier and more comfortable.



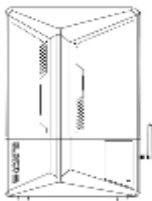
## Real-Time Monitoring And Time-Lapse Photography

Keep updated on your print progress, ensuring everything is running smoothly. Capture captivating time-lapse videos of your creations and share the excitement with others.

# Specification

LCD	Z AXIS ACCURACY	NET WEIGHT
10-inch 12K Mono LCD	0.02mm	14.5KG
SYSTEM	XY RESOLUTION	GROSS WEIGHT
EL3D-4.0	19*24um (11520*5120)	19.3 kg
SLICER SOFTWARE	BUILD VOLUME	OPERATION
ChituBox & Autodesk Fusion	218.88mm(L)*122.88mm(W)*220mm(H)	4.0-inch Capacitive Touch Screen
TECHNOLOGY	LIGHT SOURCE	POWER REQUIREMENTS
MSLA Stereo lithography	COB Light Source + Fresnel Collimating Lens (wavelength 405nm)	100-240V 50/60 Hz 24V 6A
LAYER THICKNESS	LANGUAGES	PRINTER DIMENSIONS
0.01-0.2mm	Chinese, English, Japanese, Dutch, Korean, French, German, Russian, Italian, Spanish, Turkish, Portuguese	327.4mm(L)*329.2mm(W)*548mm(H)
PRINTING SPEED	CONNECTIVITY	
MAX 150mm/H	USB Interface & WiFi	

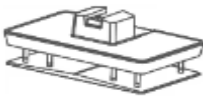
# What's In Box



SATURN 4 ULTRA 3D  
PRINTER

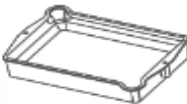


WIFI ANTENNA



BUILD PLATE

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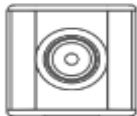
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AI CAMERA



RESIN TRAY



USB FLASH DISK



GLOVES



MASK



BACKUP SCREWS



SCRAPER



ADAPTER



TOOL KIT



USER MANUAL